

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q94300

Sung Youb JUNG, et al.

Appln. No.: 10/576,068

Group Art Unit: 1656

Confirmation No.: 7419

Examiner: Not Yet Assigned

Filed: April 14, 2006

For: EXPRESSION VECTOR FOR SECRETING ANTIBODY FRAGMENT USING E. COLI  
SIGNAL SEQUENCE AND METHOD FOR MASS- PRODUCING ANTIBODY  
FRAGMENT

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This response is in regard to the NOTIFICATION OF DEFECTIVE RESPONSE dated November 18, 2008, issued in the above-referenced patent application.

In the Notification of Defective Response, the Examiner states that the copy of the Sequence Listing in computer readable form submitted in response to the Notification of Missing Requirements; however the content of the computer readable form does not comply with the requirements of 37 C.F.R. § 1.822 and/or 1.823.

In particular, the Raw Sequence Listing indicates that (1) the numerical identifier <160> identifies an incorrect number of the sequences contained in the Sequence Listing; (2) SEQ ID NO: 17 and SEQ ID NO:24 have an error in the description of the numeric identified <213> by failing to provide an organism name or identify either “unknown” or “artificial”; and (3)

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Attorney Docket No.: Q94300

U.S. Application No.: 10/576,068

numerical identifier <223> of several SEQ ID NOS which indicate the sequence as being “artificial sequence” does not provides a correct description “synthetic construct.”

Applicants enclose herewith a substitute Sequence Listing, in paper and computer-readable form copies, that fully addresses the issues raised in the Notification of Defective Response.

Applicants assert that this Response to the Notice to Comply and the enclosures are being timely filed, and that the enclosures bring the present application in full compliance with the requirements of 37 C.F.R. §§1.821-1.825.

Applicants file an amendment to the specification to include a list of brief descriptions of each of the SEQ ID NOS: 1-35, which were shown in original sequence listing.

Applicants respectfully request that the Examiner acknowledge that the substitute Sequence Listing meets the requirements of 37 C.F.R. §§1.821-1.825 and that the Examiner enter the substitute Sequence Listing.

Respectfully submitted,

/Sunhee Lee/

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Sunhee Lee  
Registration No. 53,892

Date: December 15, 2008